

INPUT DEVICE INCLUDING A WHEEL ASSEMBLY FOR SCROLLING AN
IMAGE IN MULTIPLE DIRECTIONS

ABSTRACT OF THE DISCLOSURE

A computer input device having a housing and an engagable scroll wheel. The scroll wheel is rotatable about an axis to preferably cause vertical scrolling of an image on a display. The rotatable member is laterally movable relative to the housing. A sensor is preferably positioned within the housing for sensing lateral movement of the rotatable member. In response to sensed lateral movement of the rotatable member, the image is horizontally scrolled, preferably in the direction of the lateral movement. The scrolling speed can be affected relative to the amount of displacement of the rotatable member and/or the amount of time that the rotatable member is displaced a predetermined amount. The computer input device having the rotatable member may take the form of a keyboard, a mouse, a trackball device, or another type of computer input device.